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(Modified) PTO/SB/21 (6-98)
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

09/870,406

Filing Date

May 29, 2001

First Named Inventor

John Clark Lagarias

Group Art Unit

1645

Examiner Name

Unassigned

Attorney Docket Number

407T-907720US

ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
 - ☐ Fee Attached
- ☐ Amendment / Response
 - ☐ After Final
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition Routing Slip (PTO/SB/69) and Accompanying Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Small Entity Statement
- ☐ Request for Refund

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Additional Enclosure(s) (please identify below):

PTO Form 1449; Cited References; receipt acknowledgment postcard

Authorization to Charge Deposit Account

Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.

Remarks

JUL 23 2003

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

Tom Hunter, Reg. No. 38,498, Quine Intellectual Property Law Group, P.C.

Signature

Tom Hunter

Date

7/17/03

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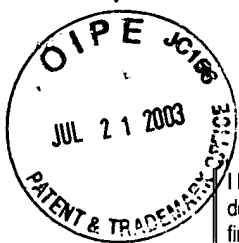
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By

Amelia Groth

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Attorney Docket No. 407T-907720US
Client Ref. No. 2000-453-3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

John Clark Lagarias, et al.

Application No.: 09/870,406

Filed: May 29, 2001

For: HY2 FAMILY OF BILIN
REDUCTASES

Examiner: Unassigned

Art Unit: 1645

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97 and
§ 1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

John Clark Lagarias, et al.
Application No.: 09/870,406
Page 2

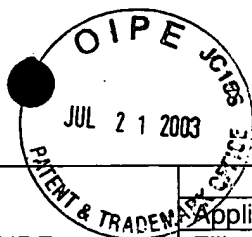
Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action on the merits per 37 CFR 1.97(b)(3). However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Tom Hunter, J.D., Ph.D.
Reg. No. 38,498

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Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	09/870,406
	Filing Date	May 29, 2001
	First Named Inventor	J hn Clark Lagarias
	Group Art Unit	1645
	Examiner Name	Unassigned
	Attorney Docket Number	407T-907720US
Date Submitted		

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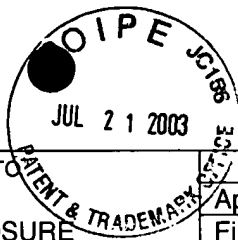
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
	01	6,294,714	B1	Matsunaga, <i>et al.</i>	09-25-2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	02	GIL <i>et al.</i> (2000) "Photocontrol of subcellular partitioning of phytochrome-B:GFP fusion protein in tobacco seedlings." <i>Plant J.</i> 22(2): 135-145	
	03	HALLIDAY <i>et al.</i> (1999) " <i>poc1</i> : An <i>Arabidopsis</i> mutant perturbed in phytochrome signaling because of aT DNA insertion in the promoter of <i>PIF3</i> , a gene encoding a phytochrome-interacting bHLH protein." <i>Proc. Natl. Acad. Sci., USA</i> , 96: 5832-5837	
	04	HISADA <i>et al.</i> (2000) "Light-Induced Nuclear Translocation of Endogenous Pea Phytochrome A Visualized by Immunocytochemical Procedures." <i>Plant Cell</i> 12: 1063-1078	
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	06	KIRCHER <i>et al.</i> (1999) "Light Quality-Dependant Nuclear Import of the Plant Photoreceptors Phytochrome A and B" <i>Plant Cell</i> 11: 1445-1456	
	07	MARTINEZ-GARCIA <i>et al.</i> (2000) "Direct Targeting of Light Signals to a Promoter Element-Bound Transcription Factor." <i>Science</i> 288: 859-863	
	08	NAGATANI (1997) "Spatial Distribution of Phytochromes." <i>J. Plant Res.</i> 110: 123-130	
	09	NAGY and SCHAFER (1999) "Control of nuclear import and phytochromes." <i>Trends in Plant Science</i> 4(4): 125-126	
	10	NAGY and SCHAFER (2000) "Phytochromes, pif3 and light signalling go nuclear." <i>Curr. Opin. Plant Biol.</i> , 3: 450-454	
	11	NAGY and SCHAFER (2000) "Nuclear and cytosolic events of light-induced, phytochrome-regulated signaling in higher plants." <i>EMBO J.</i> 19(2): 157-163	

Examiner Signature		Date Considered	
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12	NAGY <i>et al.</i> (2000) "Nucleo-cytoplasmic partitioning of the plant photoreceptors phytochromes" <i>Seminars in Cell & Developmental Biology</i> 11: 505-510	
13	NI <i>et al.</i> (1998) "PIF3, a Phytochrome-Interacting Factor Necessary for Normal Photoinduced Signal Transduction, Is a Novel Basic Helix-Loop-Helix Protein." <i>Cell</i> 95: 657-667	
14	NI <i>et al.</i> (1999) "Binding of phytochrome B to its nuclear signalling partner PIF3 is reversibly induced by light" <i>Nature</i> 400: 781-784	
15	SAKAMOTO and NAGATANI (1996) "Nuclear localization activity of phytochrome B." <i>Plant J.</i> 10(5): 859-868	
16	SHIMIZU-SATO <i>et al.</i> (2002) "A light-switchable gene promoter system" <i>Nature Biotechnology</i> , 20(10): 1041-1044	
17	YAMAGUCHI <i>et al.</i> (1999) "Light-dependant Translocation of a Phytochrome B-GFP Fusion Protein to the Nucleus in Transgenic Arabidopsis." <i>J. Cell Biol.</i> 145(3): 437-445	
18	ZHU <i>et al.</i> (2000) "Phytochrome B binds with greater apparent affinity than phytochrome A to the basic helix-loop-helix factor PIF3 in a reaction requiring the PAS domain of PIF3" <i>Proc. Natl. Acad. Sci., USA</i> , 97(24): 13419-13424	

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